

Table 1: Significance table.

| | Events _a fter _a lphat _n jets _a nd _P FS _L cuts | Events _a fter _a lphat _n jets _a nd _S L _{cuts} | Events _a fter _a lphat _n jets _r e _a nd _P FS _L cuts | Events _a fter _a lphat _n jets _r e _a nd _S L _{cuts} |
|-----------------------|---|--|--|---|
| QCD _{Pt15} | 0 +- 0 | 0 +- 0 | 0 +- 0 | 0 +- 0 |
| QCD _{Pt30} | 0 +- 0 | 0 +- 0 | 0 +- 0 | 0 +- 0 |
| QCD _{Pt80} | 0 +- 0 | 29.12 +- 16.81 | 0 +- 0 | 19.41 +- 13.73 |
| QCD _{Pt170} | 3.822 +- 1.021 | 2.184 +- 0.7722 | 2.184 +- 0.7722 | 0.546 +- 0.3861 |
| QCD _{Pt300} | 0.7901 +- 0.1012 | 0.09067 +- 0.03427 | 0.5052 +- 0.08089 | 0.02591 +- 0.01832 |
| QCD _{Pt470} | 0.2147 +- 0.01719 | 0.001376 +- 0.001376 | 0.1486 +- 0.0143 | 0.001376 +- 0.001376 |
| QCD _{Pt800} | 0.01292 +- 0.0006621 | 0 +- 0 | 0.00865 +- 0.0005417 | 0 +- 0 |
| QCD _{Pt1400} | 0.0001256 +- 6.346e-06 | 0 +- 0 | 9.456e-05 +- 5.505e-06 | 0 +- 0 |
| TTbar _{temp} | 18.51 +- 0.2666 | 19.57 +- 0.2741 | 11.71 +- 0.212 | 11.75 +- 0.2124 |
| WJets _{temp} | 17.96 +- 1.208 | 18.85 +- 1.238 | 11.54 +- 0.9684 | 13.98 +- 1.066 |
| ZJets _{temp} | 0.4493 +- 0.1834 | 0.07489 +- 0.07489 | 0.4493 +- 0.1834 | 0.1498 +- 0.1059 |
| ww _{pat1} | 0.4239 +- 0.05716 | 0.4393 +- 0.05819 | 0.3006 +- 0.04814 | 0.2929 +- 0.04751 |
| wz _{pat1} | 0.1896 +- 0.02389 | 0.2438 +- 0.02708 | 0.1444 +- 0.02085 | 0.1595 +- 0.02191 |
| zz _{pat1} | 0.09132 +- 0.009573 | 0.1375 +- 0.01175 | 0.06322 +- 0.007965 | 0.09032 +- 0.00952 |
| LM3 _{temp} | 3.882 +- 0.04434 | 3.414 +- 0.04159 | 2.219 +- 0.03353 | 1.821 +- 0.03037 |
| Significancy | 0.5957 | 0.406 | 0.4267 | 0.2673 |
| QCD Significancy | 1.764 | 0.6093 | 1.315 | 0.4073 |